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of the

# Medical Officer of Health

and of the

# Sanitary Inspector

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# THE URBAN DISTRICT COUNCIL OF LITHERLAND.

## YEAR 1943.

**Chairman of the Council:**

COUNCILLOR F. OSBORNE, J.P.

**Chairman of the Health Committee:**

COUNCILLOR A. DICK.

**Deputy Chairman of the Health Committee:**

COUNCILLOR J. EATON.

**Councillors:**

J. W. ANDERSON.
P. T. CLUSKEY.
J. DALEY.
A. DICK.
J. EATON.
W. GREGG,
E. H. HEALD.
F. OSBORNE.
J. L. PARRY.
A. RIMMER.
W. WALL.

**Medical Officer of Health:**

H. G. ST. M. REES,
M.B., B.Ch., B.Sc., M.R.C.S., L.R.C.P,
BARRISTER-AT-LAW.

**Sanitary Inspector:**

H. HARRISON, M.R.San.I., M.S.I.A.

**Clerk to the Council:**

W. BOYS.

# THE URBAN DISTRICT COUNCIL OF LITHERLAND.

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Town Hall,
Litherland.

*20th October*, 1944.

*To* the Chairman and Members
of the Health Committee.

Gentlemen,

I have pleasure in submitting herewith my Annual Report on the health and sanitary conditions of the district for the year ending 31st December, 1943. At the request of the Ministry of Health, the Report is condensed and only essential information and statistics are included.

My thanks are due to the Staff of the Department for their help and to the members of the Health Committee for their readiness to adopt suggestions for the betterment of health facilities in the area.

Yours obediently,

H. G. St. M. REES,
*Medical Officer of Health.*

PARTICULARS TO BE INCLUDED IN THE
ANNUAL REPORT OF THE MEDICAL OFFICER OF
HEALTH FOR THE YEAR 1943.

## 1.—Statistics and Social Conditions of the Area.

| | |
|---|---|
| Area in acres ... ... ... ... ... ... | 818 |
| Population—Census, 1931 ... ... ... ... | 15,987 |
| Estimated, Mid 1943 ... ... ... | 16,750 |
| No. of inhabited houses (Census, 1931) ... ... | 3,464 |
| ,, ,, ,, on Rate Books, Dec., 1943... | 5,019 |
| Rateable value ... ... ... ... ... ... | £108,792 |
| General Rate, 1942/43 ... ... ... ... ... | 13/8 |
| Sum represented by a penny rate ... ... ... | £425 |

There is no special report to make on the influence of any particular occupation on public health.

UNEMPLOYMENT.—There are no separate figures at the Labour Exchange as to the extent of the unemployment in the district.

### BIRTHS.

The number of children born in the district during 1943 was 398; 208 males and 190 females. This gives a Birth Rate of 23·7.

### DEATHS.

The total number of Deaths during the year 1943 was 200; 114 males and 86 females. This gives a Death Rate of 11·9. 104 Deaths of Litherland residents occurred outside the district.

## INFANTILE MORTALITY.

During the year 31 children died who, at the time of their death, had not reached the age of one year. This gives an Infantile Mortality Rate of 77 per 1,000 births.

## ZYMOTIC DEATHS.

During the year, there were two deaths from Whooping Cough, no deaths from Diphtheria, and 1 death from Cerebro-Spinal Fever. This gives a Zymotic Death Rate of 0·53.

There were 6 deaths from Diarrhœal Diseases under the age of two years.

## VITAL STATISTICS.

| | | Total | M. | F. |
|---|---|---|---|---|
| Live Births | Legitimate .. | 377 | 199 | 178 |
| | Illegitimate .. | 21 | 9 | 12 |
| | Total .. .. | 398 | 208 | 190 |

Birth-rate per 1,000 estimated population mid-1943 .. 23·7

| | | | |
|---|---|---|---|
| Stillbirths .. .. .. | 11 | 3 | 8 |

Rate per 1,000 total (live and still) births .. 26

| | | | |
|---|---|---|---|
| Deaths .. .. .. | 200 | 114 | 86 |

Death-rate per 1,000 estimated population .. 11·9

| Deaths from puerperal causes— | | Death-rate per 1,000 Total (live and still) Births |
|---|---|---|
| Puerperal and post-abortive sepsis | Nil | Nil |
| Other maternal causes ... ... | Nil | Nil |
| Total ... ... | Nil | Nil |

*Death-rate of Infants under one year of age :—

| | |
|---|---|
| All Infants per 1,000 live births ... ... ... | 77 |
| Legitimate infants per 1,000 legitimate live births ... | 79 |
| Illegitimate infants per 1,000 illegitimate live births ... | 47 |

| | |
|---|---|
| Deaths from Cancer (all ages) ... ... ... ... ... | 21 |
| ,, ,, Measles (all ages) ... ... ... ... ... | Nil |
| ,, ,, Whooping Cough (all ages) ... ... ... | 2 |
| ,, ,, Diarrhoea (under two years of age) ... ... | 6 |

## Causes of Death in Litherland Urban District, 1943.

| | *Causes of Death.* | *M.* | | *F.* |
|---|---|---|---|---|
| | | 114 | — | 86 |
| 1. | Typhoid and Paratyphoid Fevers ... | — | ... | — |
| 2 | Cerebro-spinal Fever ... ... ... | — | ... | 1 |
| 3. | Scarlet Fever ... ... ... ... | — | ... | — |
| 4. | Whooping Cough ... ... ... | 1 | ... | 1 |
| 5 | Diphtheria ... ... ... ... | — | ... | — |
| 6. | Tuberculosis of Respiratory System ... | 8 | ... | 8 |
| 7. | Other Tuberculosis Diseases ... ... | 1 | ... | 2 |
| 8. | Syphilitic diseases ... ... ... ... | 1 | ... | — |
| 9. | Influenza ... ... ... ... ... | 3 | ... | 1 |
| 10. | Measles ... ... ... ... ... | — | ... | — |
| 11. | Ac. polio-mpcl: and polio-enceph ... | — | ... | — |
| 12. | Ac. inf. enceph. ... ... ... ... | — | ... | — |
| 13. | Cancer of buc.cav. & oesoph. (M), uterus (F) | 1 | ... | 1 |
| 14. | Cancer of stomach and duodenum ... | 3 | ... | — |
| 15. | Cancer of breast ... ... ... ... | — | ... | 5 |
| 16. | Cancer of all other sites ... ... ... | 10 | ... | 1 |
| 17. | Diabetes ... ... ... ... ... | — | ... | 2 |
| 18. | Intra-cran: vasc: lesions ... ... ... | 8 | ... | 11 |
| 19. | Heart Disease ... ... ... ... | 21 | ... | 17 |
| 20. | Other diseases of circ. system ... ... | 2 | ... | 1 |
| 21. | Bronchitis ... ... ... .. ... | 3 | ... | 5 |
| 22. | Pneumonia ... ... ... ... ... | 9 | ... | 7 |
| 23. | Other Respiratory Diseases ... ... | 2 | ... | 1 |
| 24. | Ulcer of stomach or duodenum ... ... | 2 | ... | — |
| 25. | Diarhœa, (under 2 years) ... ... | 4 | ... | 2 |
| 26. | Appendicitis ... ... ... ... | — | ... | 1 |
| 27. | Other Digestic Diseases ... ... ... | 4 | ... | 3 |
| 28. | Nephritis ... ... ... ... ... | 1 | ... | 2 |
| 29. | Puer. and post-abort. sepsis ... ... | — | ... | — |
| 30. | Other maternal causes .. ... ... | — | ... | — |
| 31. | Premature Birth ... ... ... ... | 4 | ... | 1 |
| 32. | Con. mal: birth inj: infant dis: ... | 4 | ... | 1 |
| 33. | Suicide ... ... ... ... | — | ... | 2 |
| 34. | Road traffic acc. ... ... ... ... | 2 | ... | — |
| 35. | Other violent causes ... ... ... | 5 | ... | 4 |
| 36. | All other causes ... ... ... ... | 15 | ... | 6 |

**S.D. 55.**

Birth Rates, Civilian Death Rates, Analysis of Mortality, Maternal Mortality, and Case Rates for certain Infectious Diseases in the Year 1943.

(*Provisional Figures based on Weekly and Quarterly Returns.*)

| | England and Wales. | 126 County Boroughs and Great Towns, including London. | 148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census). | London. Administrative County. |
|---|---|---|---|---|
| | Rates per 1,000 Civilian Population. | | | |
| **Births—** | | | | |
| Live ... ... ... | 16.5 × | 18.6 | 19.4 | 15.80 |
| Still ... ... ... | 0.5 × | 0.63 | 0.61 | 0.45 |
| **Deaths—** | | | | |
| All Causes ... | 12.1 × | 14.2 | 12.7 | 15.0 |
| Typhoid and Paratyphoid Fevers ... | 0.00 | 0.00 | 0.00 | 0.00 |
| Scarlet Fever ... ... | 0.00 | 0.00 | 0.00 | 0.00 |
| Whooping Cough ... | 0.03 | 0.03 | 0.03 | 0.03 |
| Diphtheria ... ... | 0.03 | 0.04 | 0.04 | 0.02 |
| Influenza ... ... | 0.37 | 0.36 | 0.37 | 0.27 |
| Smallpox... ... ... | ... | ... | ... | ... |
| Measles ... ... ... | 0.02 | 0.02 | 0.02 | 0.02 |
| | Rates per 1,000 Live Births. | | | |
| Deaths under 1 year of age | 49 | 58 | 45 | 58 |
| Deaths from Diarrhoea and Enteritis under 2 years of age ... ... ... | 5.3 | 7.9 | 4.4 | 10.4 |
| | Rate per 1,000 Civilian Population | | | |
| **Notifications—** | | | | |
| Typhoid Fever ... ... | 0.01 | 0.01 | 0.02 | 0.01 |
| Paratyphoid Fever ... | 0.01 | 0.01 | 0.01 | 0.01 |
| Cerebro-Spinal Fever ... | 0.08 | 0 10 | 0.06 | 0 09 |
| Scarlet Fever ... ... | 3.01 | 3.29 | 3.54 | 3.80 |
| Whooping Cough ... | 2.54 | 2.82 | 2.25 | 2.68 |
| Diphtheria ... ... | 0.88 | 1.12 | 0.77 | 0.74 |
| Erysipelas ... ... | 0.31 | 0.35 | 0.27 | 0.42 |
| Smallpox... ... ... | 0.00 | 0.00 | 0.00 | 0.00 |
| Measles ... ... ... | 9.88 | 9.23 | 9.77 | 9.17 |
| Pneumonia ... ... | 1.34 | 1.62 | 1.16 | 1.27 |
| | Rates per 1000 Total Births (Live and Still) | | | |
| Puerperal Fever... ... | | | | 3.05 |
| Puerperal Pyrexia ... | 11.68 | 15.11 | 9.26 | 15.23 Including Puerperal Fever |

× These Rates are those published in the Quarterly Return.

**Maternal Mortality—** England and Wales

| No. 140. Abortion with Sepsis | No. 141. Abortion without Sepsis | No. 147. Puerperal Infections | Nos.142-6, 148-150 Other. |
|---|---|---|---|
| 0.34 | 0.11 | 0.39 | 1.45 |

**Abortion.** Mortality per million women aged 15-45. England & Wales.

| | |
|---|---|
| No. 140 with Sepsis ... 25 | No. 141 without Sepsis ... 8 |

## 2.—General Provision of Health Services for the Area.

HOSPITALS.

There are no Hospitals in the district, but the Council have agreements with the County Borough of Bootle for infectious disease.

SMALLPOX.

Cases are removed under the above agreement to Liverpool, a retaining fee of £2 per 1,000 of population being paid.

The OTHER INFECTIOUS DISEASES are removed to the City of Liverpool and West Lancs. Infectious Disease Hospitals, no retaining fee being paid. The patients are not required to contribute towards the cost of treatment, and the accommodation is not limited.

No action has been taken or advised with the object of securing that the Hospital accommodation is utilised to the best extent, or to shorten the period of stay of uncomplicated cases of Scarlet Fever. Cases have been treated at home where there have been facilities for isolation and suitable nursing.

No new methods have been adopted for the selection of individual cases for which admission to Hospitals is most imperative, nor any new decision as to the admission of cases of diseases such as Measles or Whooping Cough.

No arrangements are in force for hospitalisation of minor infectious disease, such as Measles. While the need for hospital treatment arises but rarely in these cases, it is occasionally imperative, and when this occurs great difficulty is found in obtaining admission of the patient to hospital.

TUBERCULOSIS.

This work is administered by the Lancashire County Council, the Tuberculosis Dispensary being situated at "Ellesmere," Crosby Road North, Waterloo.

MATERNITY.

There is no Maternity Hospital in the district, but the Liverpool and Bootle Hospitals are available.

MIDWIVES.

There are three Midwives on the County Council Register and practising in the district. There are no Health Visitors, Nurses or Midwives employed by or assisted by the Local Authority.

GENERAL MEDICAL. GENERAL SURGICAL.

These cases are removed to the General Hospitals of Liverpool, Bootle and Waterloo.

CHILDREN.

The above Hospitals are used, also the Liverpool Children's Hospital.

### Venereal Diseases.

Patients make their own arrangements with the Liverpool Voluntary Hospitals.

There are no Poor Law or other Institutions in the district.

### Maternity Mortality.

No special arrangements have been made for the investigation of maternal deaths, and cases of Puerperal Fever or Puerperal Pyrexia; this work is carried out by the Lancashire County Council.

### Ambulance Facilities.

(a) For infectious diseases the Motor Ambulances of the City of Liverpool and West Lancs. Infectious Disease Hospitals.

(b) For non-infectious cases, accident and maternity cases the Motor Ambulances of:—Lancashire Public Assistance Committee, Merseyside Hospitals (1d. in the £ Subscribers) Ambulance, and the Council Ambulance.

### Clinic and Treatment Centres.

This work is administered by the Lancashire County Council. The Clinic is situated at 32 Linacre Road, Litherland, and provides for:—

Maternity and Child Welfare. Consultation and treatment.

School Clinic. Dental, orthopædic and minor ailments.

The times of opening are as follows:—

| | | |
|---|---|---|
| Monday ... ... ... | 9-30 a.m. to 12 noon; | 2 to 4 p.m. |
| Tuesday ... ... ... | 10-0 a.m. to 12 noon; | 2 to 4 p.m. |
| Wednesday ... ... | 9-30 a.m. to 12 noon; | 2 to 4 p.m. |
| Thursday ... ... ... | 9-15 a.m. to 12-15 p.m.; | 2 to 4 p.m. |
| Friday ... ... ... | 9-0 a.m. to 12 noon. | |

There is no Artificial Light Clinic; or Institutional provision for unmarried mothers, illegitimate infants, or homeless children in the district.

A Day Nursery was opened on April 10th, 1943, to accommodate 50 children. It has proved a success and has met a war-time need of some urgency. The Nursery is open from Monday to Friday at 7 a.m. to 7 p.m., and on Saturday from 7 a.m. to 1 p.m. Children of the age of 6 months to 5 years are accepted.

### Professional Nursing in the Home.

Two District Nurses (Litherland District Nursing Association) visit on request of the Medical Practitioners by arrangement with the District Nursing Association. There is no financial obligation to the Council.

The Local Authority contributes to the Merseyside Hospitals (1d. in the £ Scheme) in connection with the Council employees, also to the Bootle General Hospital and the Waterloo General Hospital.

Health Education.

Health Posters have been displayed, and frequently changed, on the late Empire Marketing Boards.

Pathological and Bacteriological Examinations.

Sputum.—These specimens are sent direct to Lancashire County Council Tuberculosis Dispensary, by Medical Practitioners.

Blood, Throat Swabs, etc.—Sent direct by Medical Practitioners to Liverpool University, Bacteriological Department.

Milk.—Eight samples were submitted to Liverpool University.

## 3.—Sanitary Circumstances of the Area.

Water Supply.

The water supply is obtained from the City of Liverpool; the chief source is Lake Vyrnwy in Wales. The water is excellent in quality, and there is a constant supply for all purposes. The number of houses supplied direct from the public mains is approximately 5,019. There has been no analysis during the year.

Drainage and Sewage.

The sewage (which is dealt with on the combined system) is discharged without treatment into the River Mersey.

Rivers and Streams.

No action has been necessary to check pollution of rivers and streams and no new works have been established to cause pollution.

Closet Accommodation at end of 1943:—

Privy Middens—

| | |
|---|---|
| No. of Middens ... ... ... ... | One. |
| No. of Closets attached to these Middens ... | One. |
| No. of Pail Closets ... ... ... ... | Nil. |
| No. of Houses with Fresh Water Closets ... | 5,018 |
| No. of Waste Water Closets ... ... | Nil. |

Scavenging.

This work was transferred during 1942 from the Surveyor's Department to the Health Department, under the supervision of the Sanitary Inspector, and is working satisfactorily. Refuse is conveyed by motor vehicles to the Council's tips, situated in Beach Road and Hawthorne Road, Litherland.

Sanitary Inspections during 1943.

| | |
|---|---|
| No. of premises visited ... ... ... ... | 1,416 |
| Defects or Nuisances— | |
| No. discovered ... ... ... ... ... | 1,584 |
| No. abated ... ... ... ... ... ... | 1,543 |
| No. of Notices served— | |
| Informal ... ... ... ... ... ... | 672 |
| Statutory ... ... ... ... ... ... | 7 |
| Legal Proceedings ... ... ... ... ... | Nil. |

Offices and Shops Act, 1934.

No statutory action has been necessary; sanitary defects, etc., have been carried out as required.

Camping Sites.

There were no licences issued for camping sites during the year.

Swimming Baths and Pools.

There are no Swimming Baths or Pools within the district.

Eradication of Bed Bugs.

One hundred and seventy houses were disinfected during the year; 15 Council houses and 155 other houses, by means of spraying with Zaldecide and sulphur candles. Sixty-nine houses were disinfested for cockroaches, fleas, ants, crickets, and wood lice.

Schools.

The sanitary condition and the water supply of the schools in the district is satisfactory. The schools have been disinfected after the holidays. There was no closing of the schools as a result of infection during the year.

Premises and Occupations which can be Controlled by Bye-laws or Regulations.

There are no Common Lodging Houses; Houses let in Lodgings; Tents, Vans or Sheds, or Underground Sleeping Rooms in the district.

Offensive Trades.

There are three Tanneries and eight Fish and Chip Potato premises in the district; these are inspected from time to time.

Slaughter-houses.

There is only one Private Slaughter-house in the district, and this is a Registered Slaughter-house.

Rag Flock Acts, 1911 and 1928.

There are no premises in the district in which Rag Flock is manufactured or sold.

Canal Boats.

Number inspected: None.

## 4.—Housing.

Statistics for the Year 1943.

There were no houses built by the Local Authority, other Local Authorities, or by private enterprise during the year.

Housing Application Forms, 1943.

Housing Application Forms for Council houses are continually being received, both from inside and outside the district.

As a result of enemy action, cases of temporary overcrowding have undoubtedly occurred, but without apparent ill-effects on general health, or spread of infectious disease.

## 5.—Inspection and Supervision of Food.

Milk Supply.

The Cowsheds, Dairies, and Milk Shops within the district are periodically inspected, and every effort is being made to produce clean healthy milk.

Eight samples were obtained from persons selling milk within the district, and sent for Bacteriological examination.

"Tubercle Bicilli" was negative in seven and positive in one sample.

Veterinary inspections are carried out if any animal is suspected, or on a sample of milk showing Tubercle Bacilli.

Food and Drugs Act, 1938.

The following samples were obtained in Litherland by the County Sanitary Officer during the year:—

Cheese, Sugar, Soup powder, Cinnamon powder, Aspirin tablets, and Yeast.

All these samples were reported genuine.

No proceedings were instituted in respect of any samples obtained in the district.

Meat and Other Foods.

The food exposed for sale or prepared in the district has been examined from time to time. The premises and shops have been kept in a cleanly state.

Food and Drugs Adulteration Act, 1928.

Ten samples of milk were submitted to the County Analyst; nine samples were reported genuine, and one contained 2 per cent. added water.

Bakehouses.

There are eight Bakehouses in the district; these are in a sanitary condition, clean and well kept; minor repairs have been attended to.

## 6.—Prevalence of and Control over Infectious Disease.

Three hundred and forty-eight cases of infectious diseases were notified, and fifty-two cases were removed to Hospital (see Tables of Notifiable Diseases).

Diphtheria Immunization.

Immunization against Diphtheria has been undertaken by the Local Authority; this is done at the County Clinic, Linacre Road, Litherland, by the Medical Officer of Health on Friday afternoon during school time; 640 cases were completed during the year, each receiving two injections of A.P.T.

Immunization against Diphtheria commenced on 17th May, 1935; during this period 3,324 cases have been immunized; 330 notifications of diphtheria have been received, and of these only 19 had previously been inoculated.

There were no deaths from diphtheria during the year.

Scarlet Fever.

No return cases were discovered during the year.

Malaria.

There were no cases notified during the year.

Enteric Fever (including Para-Typhoid).

There was one case notified during the year.

Cancer.

There were 21 deaths from Cancer (14 males and 7 females) during the year, as against 22 in 1942. Private Practitioners and Patients make their own arrangements with the Liverpool City Hospitals for Radium Treatment if necessary.

Death rate from Cancer was 1·25.

### Prevention of Blindness.

This work is carried out by the Lancashire County Council.

### Tuberculosis.

No action has been necessary in respect of Tuberculosis employees in the Milk Trade, or to Section 62, Public Health Act, 1925, for removal to hospital of infectious persons suffering from Pulmonary Tuberculosis.

### General.

There have been no Primary or Re-Vaccinations carried out by the Medical Officer of Health during the year.

It has not been necessary to close the schools during the year on account of sickness.

There have been no reports made under Article 17 (7) Sanitary Officers (Outside London) Regulations, 1935, which refers to cases of Plague, Cholera, Smallpox, or any serious outbreak of disease in the district.

### Influenza.

There was no severe Influenza Epidemic during the year.

There were no other diseases or cases of sickness which required special attention.

### Whooping Cough.

As a result of suggestions made by me, Whooping Cough Prophylactic and Curative Serum has been made available to Medical Practitioners free of charge. This has resulted in arresting the progress of this disease and shortening the period of infectivity.

### Scabies.

A constant flow of persons infected with Scabies was noted in common with other districts during the year. As a result of frequent re-infection, due to inefficient home treatment, a Scabies Clinic was established at the First Aid Post. A large number of cases were dealt with here, and of these no case of re-infection was brought to our notice.

### Disinfection.

There were 249 rooms in 147 houses disinfected during the year by means of Formaldehyde Vapour and Izal (Sprayed) after Infectious Disease, including Tuberculosis, 352 articles were disinfected at the Council's Disinfector (a Washington Lyons Type) situated in the Council's yard, Field Lane.

There is no arrangement for bathing verminous persons, etc.

Disinfestation has been carried out at one hundred and seventy houses.

## Notifiable Diseases, 1943.

Number of cases of Infectious Diseases notified, number of deaths from these diseases, number of cases removed to Hospital, and deaths in Hospital during the year 1943 :—

| NOTIFIABLE DISEASES. | Cases Notified. | | | | | | | | | | | | | Total Deaths. | Hospital | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total Cases at all Ages. | Years. | | | | | | | | | | | | | Total Cases removed to Hospital. | Deaths i Hospita of person belongin toDistric |
| | | Under 1 | 1 to 2 | 2 to 3 | 3 to 4 | 4 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 35 | 35 to 45 | 45 to 65 | 65 and over | | | |
| Smallpox... ... ... | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| *Scarlet Fever ... ... | 34 | ... | 1 | 2 | 5 | 21 | 3 | 1 | 1 | 1 | ... | 1 | ... | ... | 19 | ... |
| *Diphtheria, including Membranous Croup | 23 | ... | ... | 3 | 2 | 1 | 10 | 3 | 1 | 2 | 1 | ... | ... | ... | *23 | ... |
| Enteric Fever, including Paratyphoid ... ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... |
| Measles, excluding German Measles... | 185 | 7 | 25 | 19 | 32 | 35 | 62 | 2 | 3 | ... | ... | ... | ... | ... | 1 | ... |
| Whooping Cough ... | 69 | 8 | 8 | 11 | 13 | 11 | 16 | 1 | ... | ... | ... | 1 | ... | ... | 2 | ... |
| Acute Primary Pneumonia / Acute Influenzal Pneumonia | 27 | 6 | 1 | 2 | 1 | 1 | 3 | 1 | 3 | ... | 4 | 2 | 3 | ... | ... | ... |
| Puerperal Pyrexia ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | ... |
| Cerebro-Spinal Fever ... | 2 | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | 2 | 2 | 2 |
| Acute Poliomyelitis ... | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Acute Polio-encephalitis | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Encephalitis Lethargica | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Dysentry... ... ... | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Ophthalmia Neonatorum | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | .. |
| Erysipelas ... ... | 5 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 3 | 1 | ... | 2 | ... |
| Malaria— | | | | | | | | | | | | | | | | |
| Contracted in this C'try | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Abroad ... ... | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Any other disease notifiable in district, *e.g.*— Chicken Pox ... | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Any other disease... | Nil | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Anthrax ... ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | 1 | ... |
| Totals ... | 348 | 21 | 35 | 37 | 53 | 70 | 95 | 9 | 8 | 3 | 6 | 7 | 4 | 2 | 52 | 2 |

*A number of cases were removed to hospital as Diphtheria and Scarlet Fever and were later certified as Tonsilitis or not infectious, and were removed from the register.

# INFECTIOUS DISEASES.

348 cases of Infectious Disease were notified during the year.

| | Cases Notified. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 |
| Smallpox... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Scarlet Fever ... ... | 34 | 36 | 20 | 48 | 74 | 64 | 38 | 40 | 17 | 55 |
| Diphtheria & Mem. Croup | 23 | 27 | 36 | 61 | 87 | 37 | 23 | 14 | 45 | 38 |
| Typhoid & Paratyphoid Fever | 1 | ... | 25 | ... | ... | 1 | ... | ... | 1 | 1 |
| Erysipelas ... ... | 5 | 9 | 6 | 2 | 10 | 6 | 8 | 17 | 9 | 13 |
| Puerperal Fever ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| ,, Pyrexia ... | 1 | 2 | ... | 2 | 4 | 5 | 2 | 4 | ... | 4 |
| Cerebro Spinal Fever ... | 2 | 1 | 5 | 10 | ... | ... | ... | ... | ... | ... |
| Poliomyelitis ... ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... |
| Ophthalmia Neonatorum | ... | 1 | 1 | ... | 3 | ... | 5 | 3 | ... | 2 |
| Acute Primary Pneumonia / Influenzal Pneumonia | 27 | 6 | 26 | 45 | 21 | 27 | 27 | 36 | 23 | 35 |
| Anthrax ... ... ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| Encephal Leth. ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Malaria ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... |
| Polio-Encephalitis ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Measles ... ... ... | 185 | 323 | 30 | 370 | 2 | ... | ... | ... | ... | ... |
| Whooping Cough ... | 69 | 35 | 84 | 122 | 1 | ... | ... | ... | ... | ... |
| | 348 | 441 | 233 | 661 | 202 | 140 | 104 | 114 | 96 | 149 |

## Infectious Diseases.

| | Cases Removed to Hospital | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1943 | 1942 | 1941 | 1940 | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 |
| Smallpox... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Scarlet Fever ... ... | 19 | 16 | 13 | 28 | 50 | 52 | 31 | 32 | 11 | 46 |
| Diphtheria ... ... | 23 | 21 | 38 | 60 | 103 | 49 | 36 | 21 | 45 | 38 |
| Typhoid and Para-typhoid Fever ... | 1 | ... | 27 | ... | 1 | 2 | 1 | ... | 1 | 1 |
| Puerperal Pyrexia ... | 1 | 1 | ... | 1 | ... | 2 | 1 | 3 | ... | 4 |
| Erysipelas ... ... | 2 | 4 | 2 | ... | 4 | 1 | 6 | 15 | 3 | 4 |
| Cerebro-spinal Fever ... | 2 | 2 | 4 | 10 | ... | ... | ... | ... | ... | ... |
| Ophthalmia Neonatorum | ... | 1 | 1 | ... | ... | ... | 1 | ... | ... | ... |
| Poliomyelitis ... ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... |
| Measles ... ... ... | 1 | 1 | ... | 5 | ... | ... | ... | ... | ... | ... |
| Encephal Leth. ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Malaria ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Polio-Encephalitis ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... |
| Acute Pnuemonia ... | ... | 1 | ... | 9 | ... | 3 | ... | ... | ... | ... |
| Whooping Cough ... | 2 | 1 | 2 | ... | ... | ... | ... | ... | ... | ... |
| Pnuemonia ... ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... |
| Anthrax ... ... ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... |
| | 52 | 49 | 89 | 114 | 158 | 109 | 76 | 71 | 60 | 94 |

A number of cases were removed to hospital as Diphtheria and later certified as Tonsilitis or not infectious disease and were removed from the register.

## Tuberculosis.

New Cases and Mortality during 1943 (Local Register).

| AGE PERIODS. | New Cases. | | | | Deaths. | | | |
|---|---|---|---|---|---|---|---|---|
| | Respiratory. | | Non-Respiratory. | | Respiratory. | | Non-Respiratory. | |
| | M | F | M | F | M | F | M | F |
| Years | | | | | | | | |
| 0— 1 ... ... ... | 1 | ... | ... | ... | 1 | ... | ... | ... |
| 1— 5 ... ... ... | ... | ... | ... | 1 | ... | ... | ... | ... |
| 5—10 ... ... ... | ... | ... | 1 | 1 | ... | ... | ... | ... |
| 10—15 ... ... ... | ... | ... | ... | ... | ... | ... | ... | ... |
| 15—20 ... ... ... | 1 | 2 | ... | 1 | 3 | 1 | ... | 2 |
| 20—25 ... ... | 1 | 9 | ... | ... | ... | 2 | ... | ... |
| 25—35 ... ... | 4 | 10 | ... | ... | 1 | 3 | ... | ... |
| 35—45 ... ... ... | 1 | ... | 2 | ... | 2 | ... | 1 | ... |
| 45—55 ... ... ... | 1 | 1 | ... | ... | 2 | 1 | ... | ... |
| 55—65 and upwards ... | 3 | ... | ... | ... | 2 | ... | ... | ... |
| TOTALS ... | 12 | 22 | 3 | 3 | 11 | 7 | 1 | 2 |
| | 34 | | 6 | | 18 | | 3 | |

Death rate from Tuberculosis Respiratory System per 1000=0·95.

The rate of non-notified Tuberculosis deaths to total Tuberculosis deaths was two to forty.

There is no evidence of excesive incidence of, or mortality from Tuberculosis in any particular occupation in the district.

No action has been taken or necessary in respect of persons suffering from Pulmonary Tuberculosis, employed in the Milk Trade, or for the compulsory removal to hospital of persons suffering from Tuberculosis.

## 7.—Maternity and Child Welfare.

The whole of this work is carried out by the Lancashire County Council at 32 Linacre Road, Litherland.

Ophthalmia Neonatorum.

This work is carried out by the Lancashire County Council; there were no cases notified during the year.

I again wish to thank the Sanitary Inspector, Mr. H. Harrison, for his valued assistance, and to tender my thanks to the various members of the Council for considering advice given by me.

Your obedient Servant,

H. G. St. M. REES,
*Medical Officer of Health.*

# The Urban District Council of Litherland.

# ANNUAL REPORT

OF THE

# Sanitary Inspector.

# 1943.

*20th October*, 1944.

*To* THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE.

GENTLEMEN,

I beg to submit the Annual Report of the work executed in the Health Department during the past year, together with the particulars of the nuisances abated and improvements effected thereby.

## INSPECTION OF THE DISTRICT, NOTICES SERVED, ETC.

During the year 3,204 inspections and re-inspections were made in reference to complaints and housing.

It was necessary in numerous instances, however, to interview and write to the persons concerned, drawing their attention to notices which had not received prompt attention.

There were 672 Preliminary Notices and letters, etc., referring to nuisances and general dilapidations served, and in due course complied with.

In seven instances Abatement Notices were served after which the work was completed to my satisfaction.

INSPECTION OF THE FOOD SUPPLY.—The food exposed for sale in the district has been inspected from time to time. Meat shops and food preparing places are inspected periodically. All animals slaughtered in the district are examined.

SLAUGHTER-HOUSES.—There is one "private" slaughter-house within the district; the number of pigs slaughtered and inspected in the Urban District during the year was three.

INSPECTION OF MEAT:—

Meat condemned as unfit for human food:—

1 ton 3 cwts. 2 qrs.

DAIRIES, COWSHEDS AND MILKSHOPS.—Number of cowkeepers on register, 2; number of milk shops (other than cowkeepers), 7. 27 visits were made during the year. On the whole a fairly high standard of cleanliness is maintained, and the health of the cattle is satisfactory.

Three supplementary licences were issued to retail:—

(1) "Tuberculin Tested" Milk (two).

(2) "Accredited" Milk (one).

MILK SAMPLES.—Eight samples were taken for the discovery of Tuberculosis among cattle; seven were reported "negative" to the biological test, and one positive. Ten samples of milk were also taken under the Sale of Food and Drugs (Adulteration) Act, 1928, and Food and Drugs Act, 1938; nine samples were reported genuine, and one contained 2 per cent. added water.

There are approximately 32 cows kept in the district.

FISH FRYING SHOPS AND WET FISH SHOPS.—Twenty-four visits were paid to fish frying shops and wet fish shops, which were maintained in a generally satisfactory condition.

ASHPITS TO BIN SYSTEM.—The approximate number of movable ashbins at present in use in the district is 5,236. There were no conversions during the year.

ERADICATION OF BED BUGS.—One hundred and seventy houses were disinfested during the year by means of spraying with Zaldecide, and sulphur candles. Clothing and bedding were taken to the Council's Steam Disinfector. The whole of this work is carried out by the Council's workmen.

Sixty-nine houses were disinfested for cockroaches, crickets, fleas, ants and wood lice. These were treated with Zaldecide successfully.

RATS AND MICE DESTRUCTION ACT, 1919.—Seventy-one rats have been destroyed during the year by the rat catcher, using poison and traps.

In several cases the cause was due to defective drains, and in each case the drains were repaired and the possibility of further infestation removed.

CARAVANS.—An odd caravan came into the district during the year, and was removed by the Police.

SUPERVISION OF INFECTIOUS DISEASES.—Seventy-eight visits were paid to houses where Infectious Diseases had occurred, and the necessary enquiries made into each case, also a sanitary survey was made of the premises, notices served where necessary for various defects, and work carried out.

Notices to strip and cleanse the walls and ceilings, where necessary, were served, and 7 re-visits were paid to ensure that the work was carried out. The schools have been thoroughly disinfected during the year. The head teachers have been notified regarding children attending the schools where infectious disease had occurred, also after disinfection.

Disinfection and disinfestation of the various Civil Defence and Firewatchers premises, with beds and blankets, etc., has been carried out periodically throughout the year. The Nursery has also been disinfected after minor infectious disease.

## SUMMARY OF WORK OF DEPARTMENT.

| | |
|---|---|
| Number of houses inspected ... ... ... ... ... | 1175 |
| Number of re-inspections to houses ... ... ... ... | 1606 |
| Number of visits and re-visits to factories ... ... ... | 57 |
| Number of visits to bakehouses ... ... ... ... | 12 |
| Number of visits to cowsheds, dairies, and milkshops ... | 27 |
| Number of preliminary notices served and letters, etc. ... | 672 |
| Number of abatement notices served ... ... ... ... | 7 |
| Number of visits to offensive trades ... ... ... ... | 5 |
| Samples of milk submitted for bacteriological examination | 8 |
| Samples of milk taken under Sale of Food and Drugs Act | 10 |
| Cases of infectious disease visited and reported upon ... | 78 |
| Number of houses fumigated ... ... ... ... ... | 147 |
| Number of rooms fumigated ... ... ... ... ... | 249 |
| Number of articles fumigated ... ... ... ... | 352 |
| Number of verminous houses disinfested ... ... ... | 170 |
| Number of visits to fish frying shops and wet fish shops ... | 24 |
| Number of visits to butchers' shops and food preparing places ... ... ... ... ... ... ... | 257 |
| Number of visits to slaughter-house ... ... ... ... | 4 |
| Number of visits to schools ... ... ... ... ... | 44 |
| Number of visits under Rat and Mice Destruction Act ... | 16 |
| Number of visits to stable premises and garages ... ... | 9 |
| Number of visits re Diphtheria Immunization ... ... | 23 |
| Number of visits to Tents, Vans and Sheds ... ... ... | 7 |
| Rent books inspected ... ... ... ... ... ... | 14 |

## DETAILS OF SANITARY IMPROVEMENTS AND ABATEMENT OF NUISANCES.

| | |
|---|---|
| Drains tested, repaired or renewed ... ... ... ... | 242 |
| Defective w.c. cisterns, pans, traps, water supply, etc. ... | 149 |
| Staircases repaired ... ... ... ... ... ... | 14 |
| Defective water supply to houses, etc., new taps, burst pipes, etc. ... ... ... ... ... ... ... | 174 |
| Defective floors in dwelling-houses, etc. ... ... ... | 65 |
| Offensive accumulations ... ... ... ... ... | 14 |
| New ashbins provided ... ... ... ... ... ... | 107 |
| Insanitary yard surfaces ... ... ... ... ... | 15 |
| Walls and chimneys pointed and repaired ... ... ... | 102 |
| Defective eaves, gutters, r.w. pipes, etc. ... ... ... | 100 |
| New back boilers, storage cisterns and cylinders provided or repaired ... ... ... ... ... ... ... | 53 |
| Defective skirting boards repaired ... ... ... ... | 1 |
| Plasterwork, limewashing and cleansing after infectious disease, etc. ... ... ... ... ... ... | 68 |
| Repairs to window sashes and frames, and lighting and ventilation improved ... ... ... ... ... | 57 |
| Leaky roofs (dwelling houses), etc. ... ... ... ... | 142 |
| New doors and repairs to doors ... ... ... ... | 90 |
| Animals or Fowls kept to be a nuisance ... ... ... | 1 |
| Defective wash boilers and structures ... ... ... | 15 |
| New sinks or other sanitary fittings ... ... ... ... | 68 |
| Defective fire ranges, jambs, and flues ... ... ... | 61 |
| Defective drainer boards ... ... ... ... ... | 6 |

I am, Gentlemen,

Your obedient Servant,

H. HARRISON,
*Sanitary Inspector.*

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